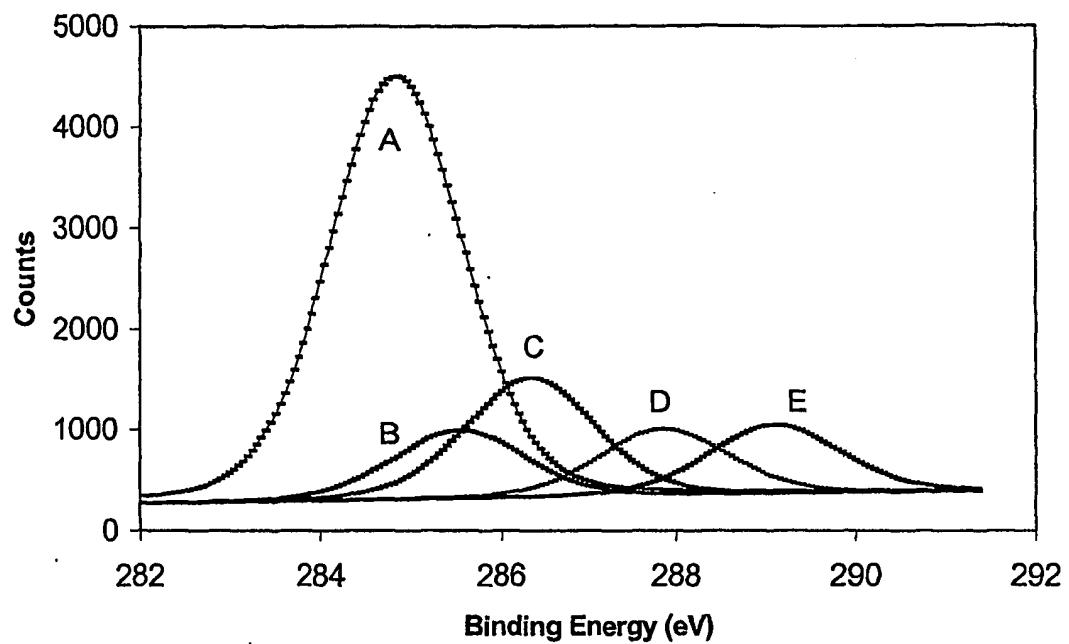


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Figure 1

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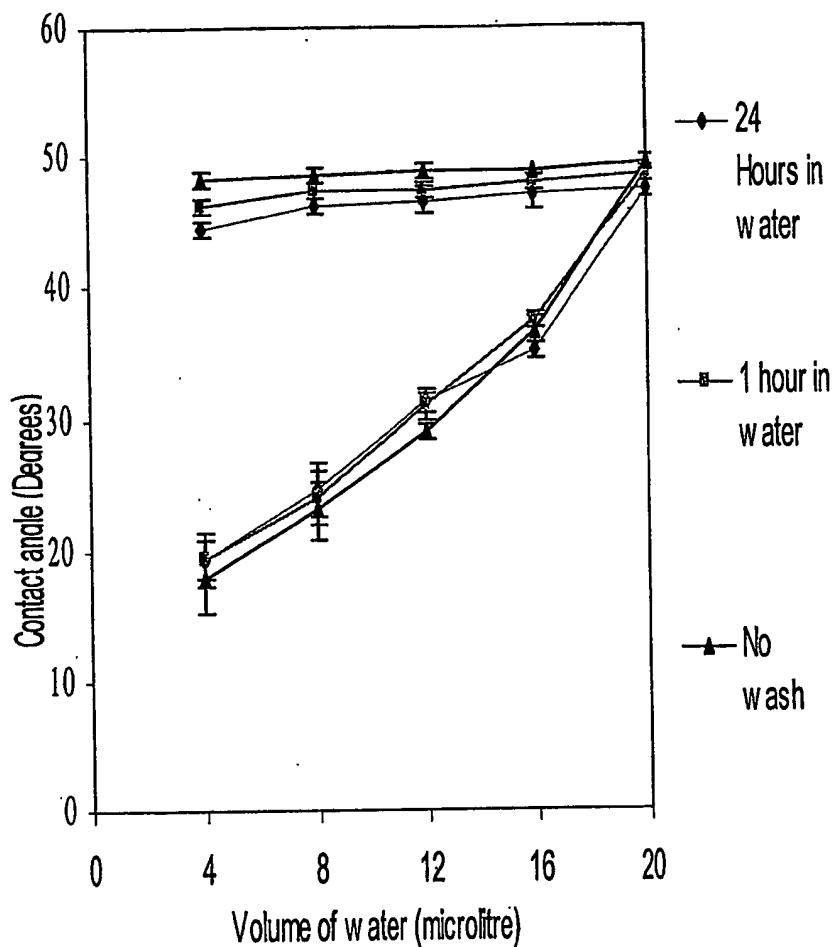
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Figure 2

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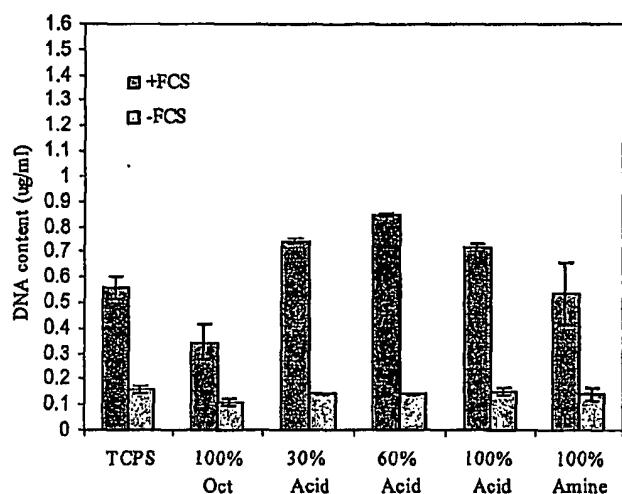
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3 days

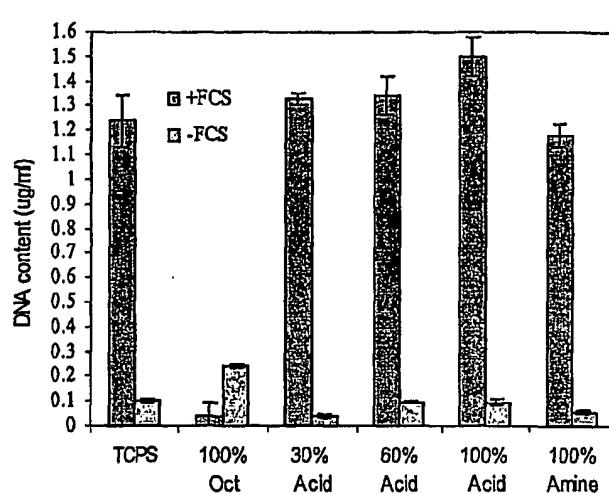
7 days

## DNA content (DNA assay)

A

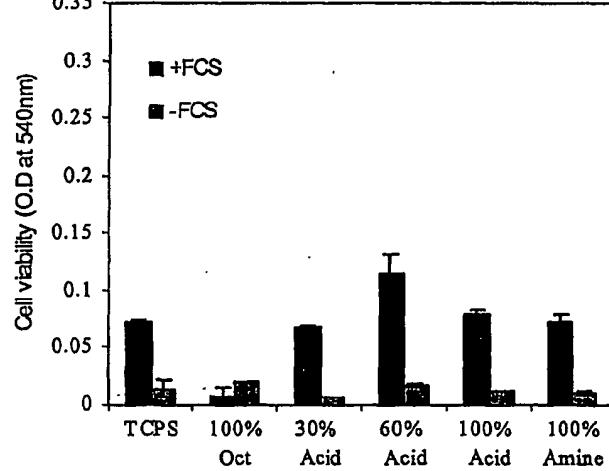


B



## Cell Viability (MTT-ESTA assay)

C



D

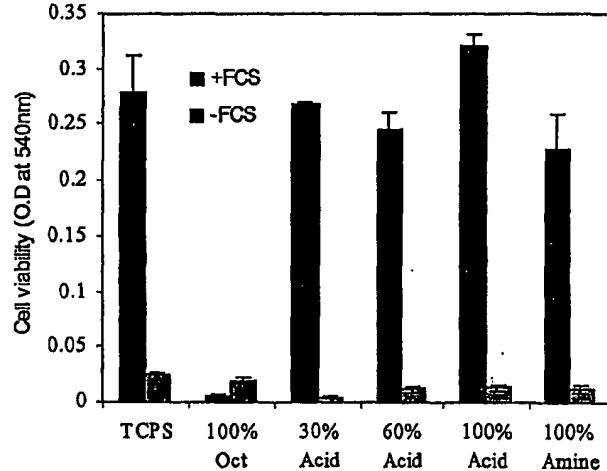


Figure 3

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Figure 4

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A



B



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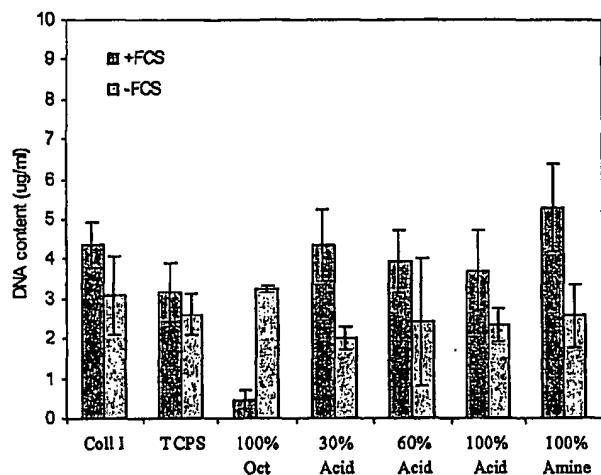
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24 Hours

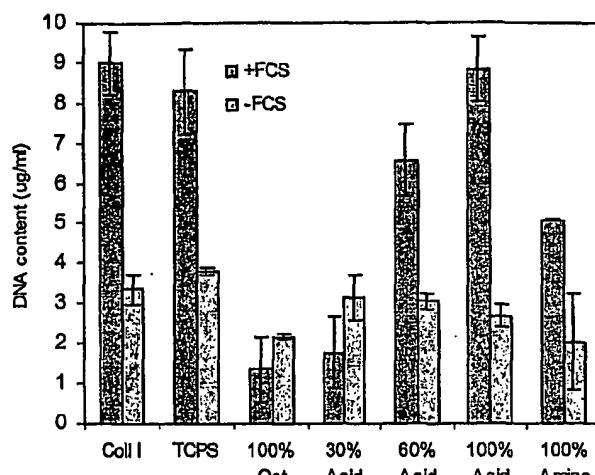
6 Days

## DNA content (DNA assay)

A

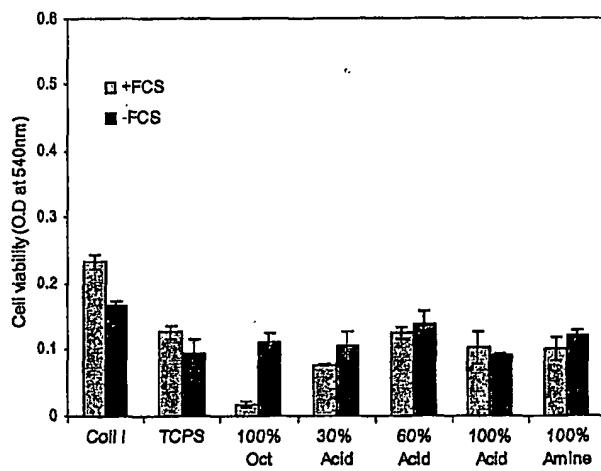


C



## Cell Viability (MTT-ESTA assay)

B



D

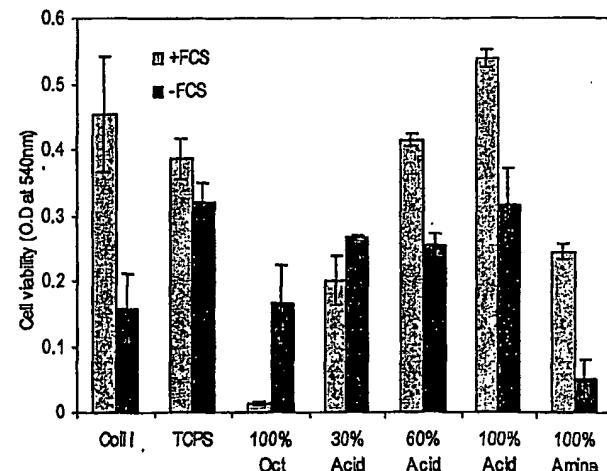
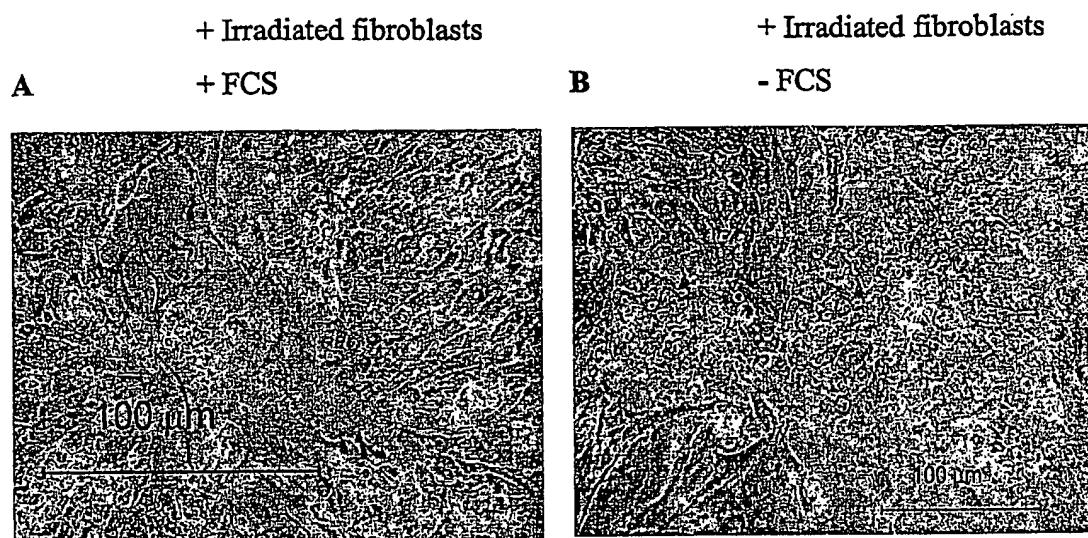


Figure 5

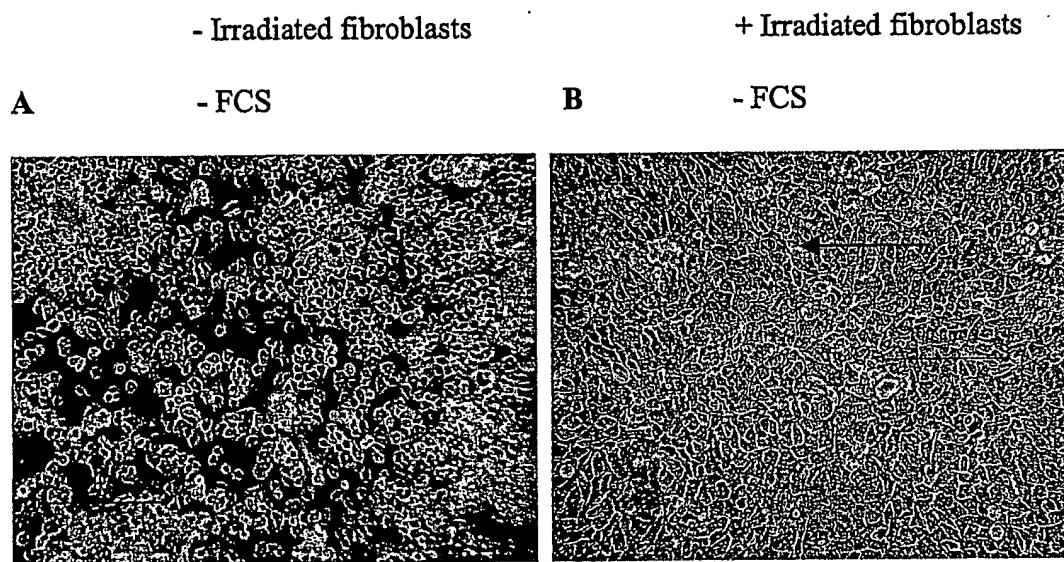
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**Figure 6**



**Figure 7**

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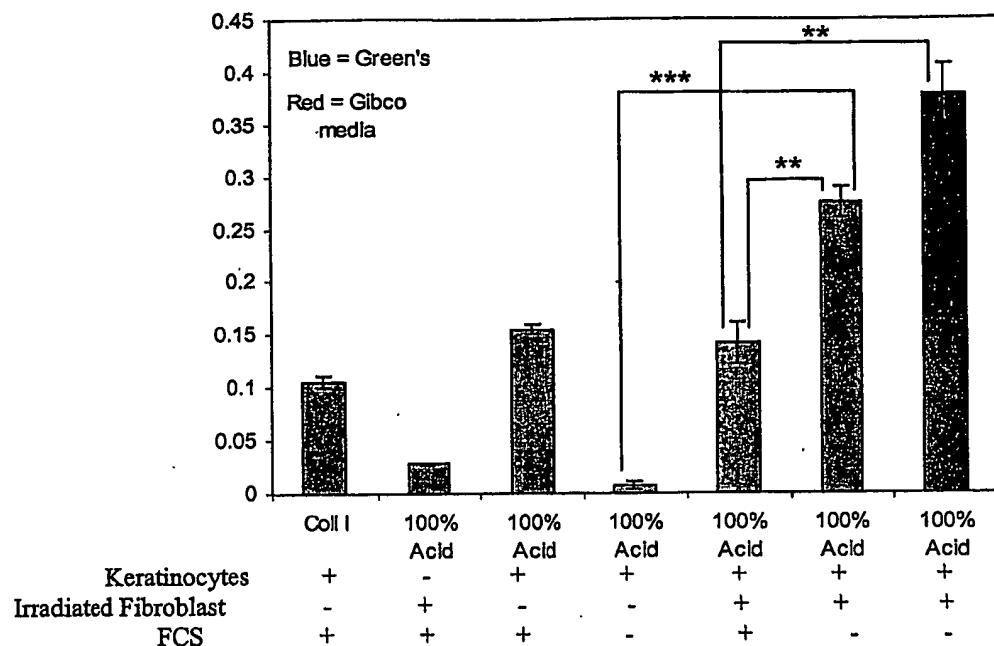


Figure 8A

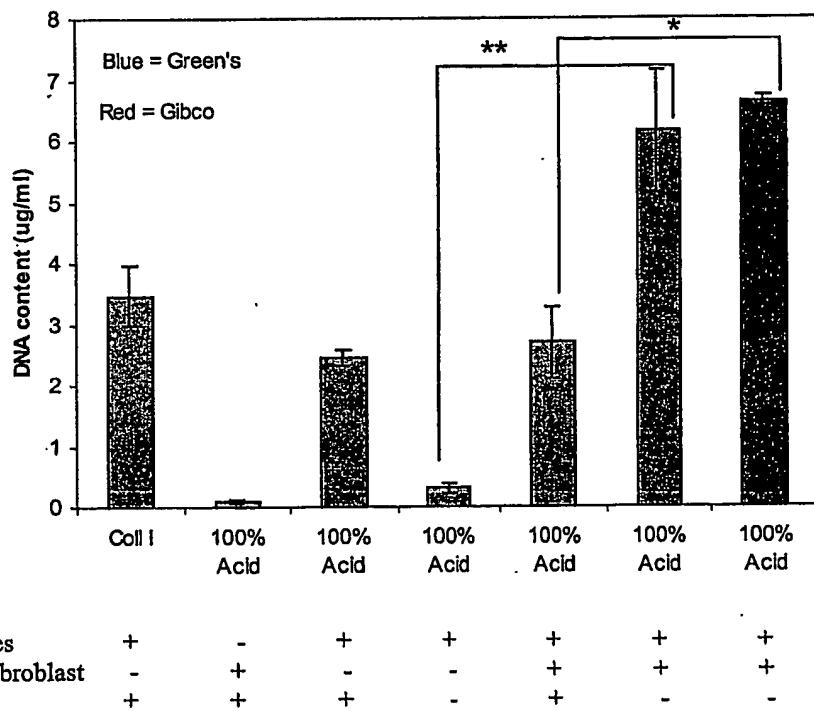


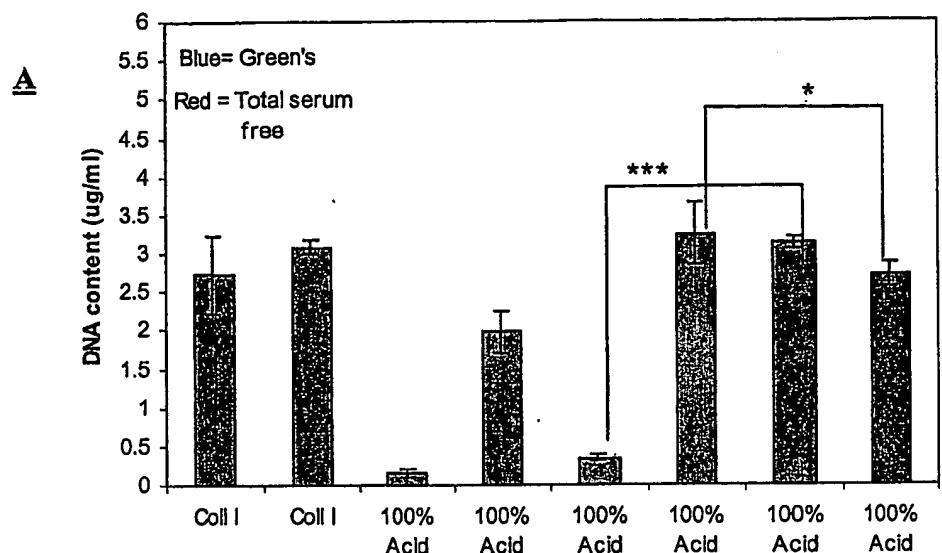
Figure 8B

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Figure 9

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	Keratinocytes	Irradiated Fibroblast	FCS
+	+	-	+
-	-	+	-
+	+	+	+

**B (Day 6)**

Condition	Blue (Green's)	Red (Total serum free)
Coll I	~3.1	~3.1
Coll I	~4.0	~4.0
100% Acid	~0.3	~0.3
100% Acid	~2.9	~2.9
100% Acid	~1.2	~1.2
100% Acid	~3.4	~3.4
100% Acid	~4.2	~4.2
100% Acid	~4.7	~4.7

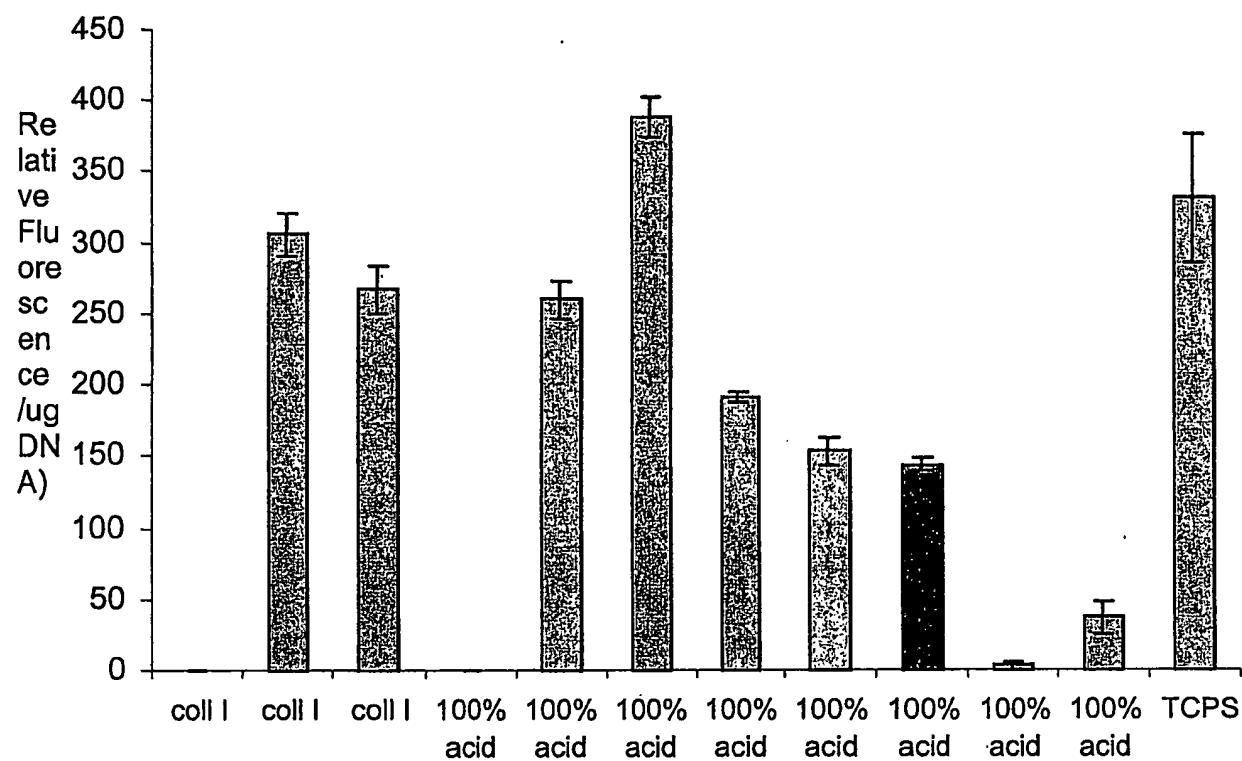
	Keratinocytes	Irradiated Fibroblast	FCS
+	+	-	+
-	-	+	-
+	+	+	+

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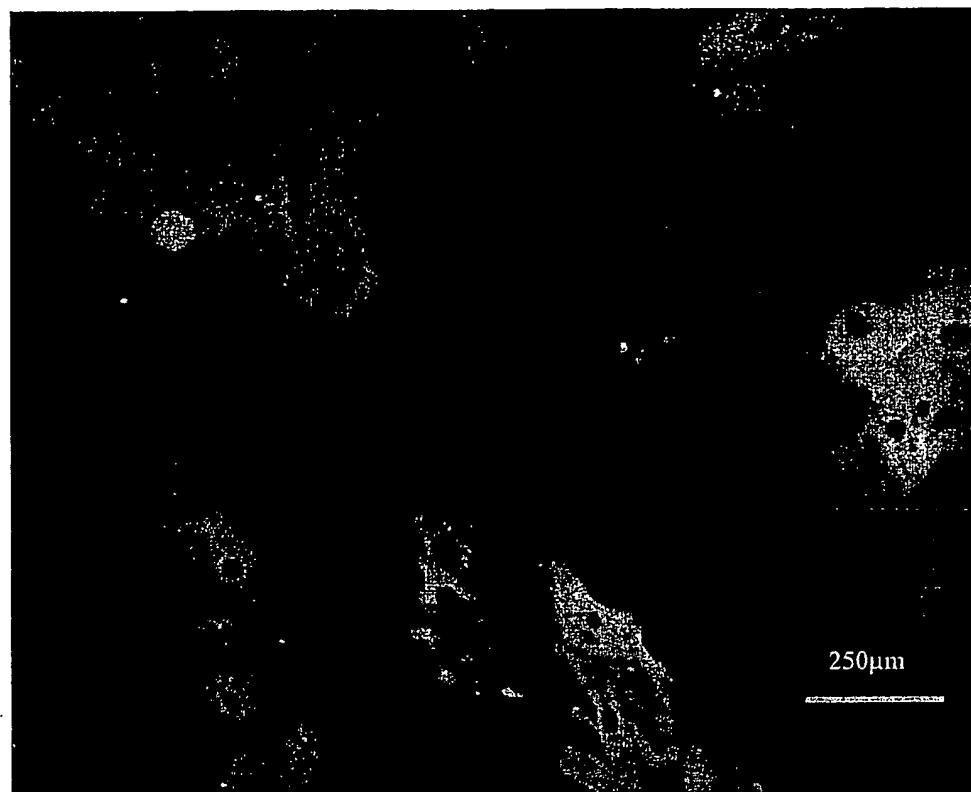
Figure 10

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Involutrin assay at Day 6

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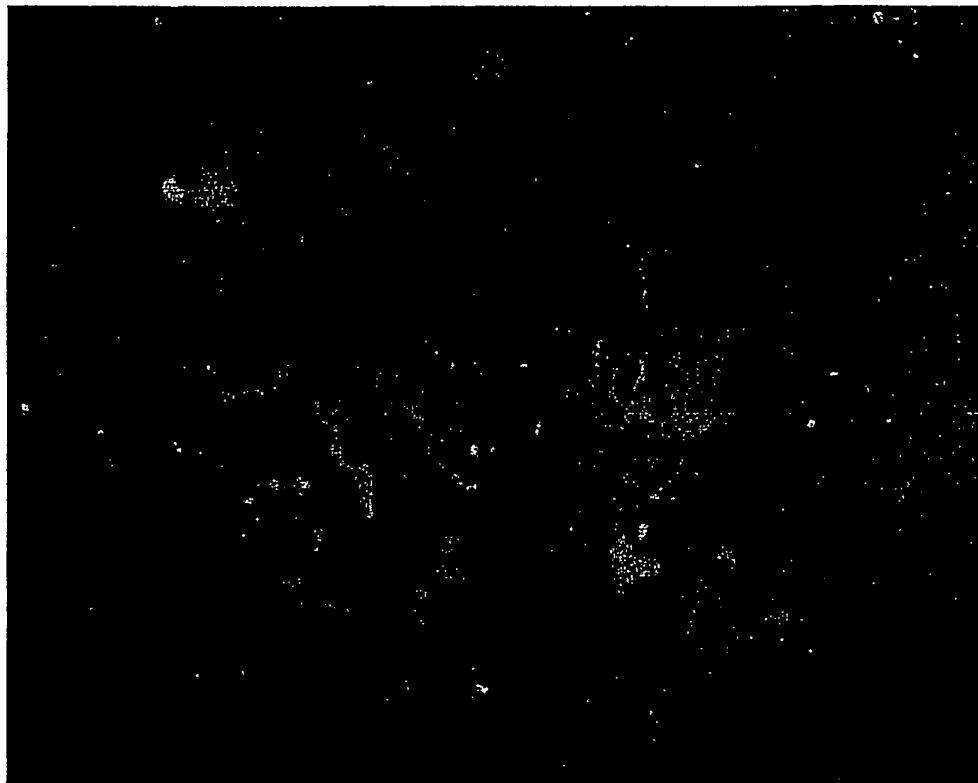
Figure 11



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Figure 12



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$F_{aa}/F_{tot}$	O/C ratio	Percentage of functionality in the C 1s core level			
		C-C, C-H	C-OH/R	C=O	COOH/R
0	0.13	91.9	6.6	1.6	---
0.3	0.12	85.6	8.7	2.2	1.5
0.6	0.19	75.1	13.1	4.9	3.5
1.00	0.39	55.7	17.4	9.2	9.2

Table 1

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$F_{aa}/F_{tot}$	Percentage of functionality in the C 1s core level					
	O/C ratio	N/C ratio	C-C /	C-NR <sub>2</sub>	C=N	CNO
			C-H	(C-OR)		
1.00	0.09	0.22	58.9	17.9	17.7	5.4

Table 2

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